Using the DICOM Log Mode

The DICOM log is a record of communications with DICOM-connected equipment. Under normal conditions, the log files record associations only. However, you can record detailed descriptions of communications by changing the DICOM Log Mode. This mode change is called a DICOM Log Mode change.

The log files record the numbers of DICOM tags, the information attached to DICOM tags, the time of communication with connected equipment, and other relevant information.

■ Changing the DICOM Log Mode

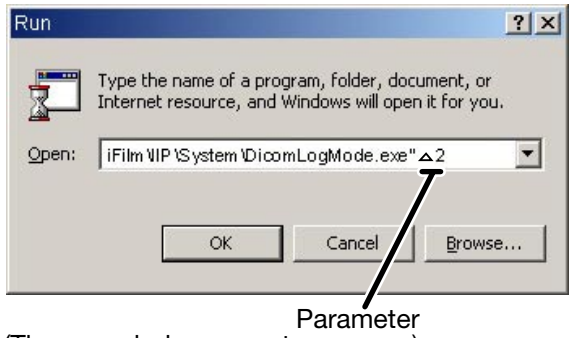
1. From the Start menu, choose "Run...", and then click Browse...

2. Select the DicomLogMode.exe file in the following directory:

C:\Program Files\FujiFilm\IIP\System\DicomLogMode.exe

3. Enter the parameter value 0, 1, or 2 as shown below. The meanings of the modes selected by these parameters are explained below:

- 0: Records nothing.
- 1: Records associations only (default).
- 2: Records detailed information as well.



(The ▵ symbol represents a space.)

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4. Click OK.

➔ A confirmation window opens, notifying you that the DICOM Mode is changed.

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5. Click OK.

➔ The confirmation window closes.

◆ *NOTE* ◆

After completion of a DICOM Log Mode change and log file verification, be sure to return the mode selection to 1.

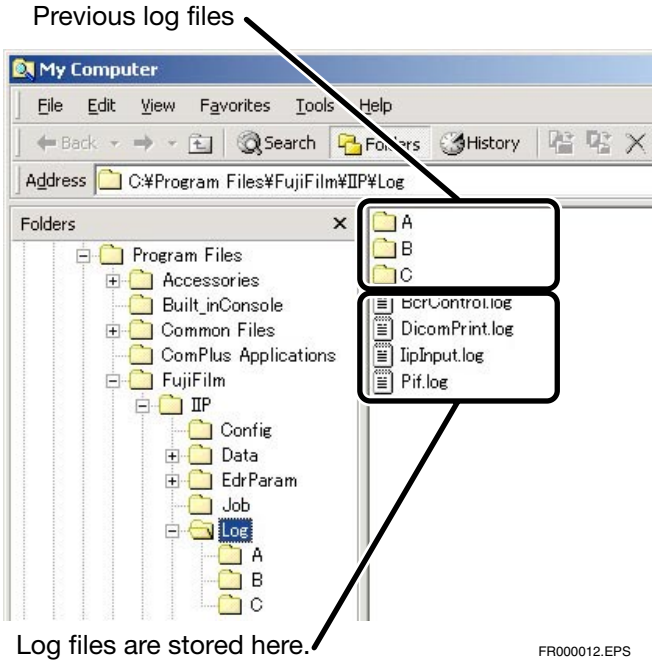
■ Log file storage locations and types

1. **Open the directory (C:\Program Files\FujiFilm\IIP\Log) in which the DICOM log files are stored.**

2. **Use a text editor (Notepad) to open the DICOM log files. The following DICOM log files are used:**

- DICOMMWLSCU.log: Log of MWM and PPS function related information
- DicomPrint.log: Log of DICOM Print function related information

//For the other log files, adjustments are being made.//

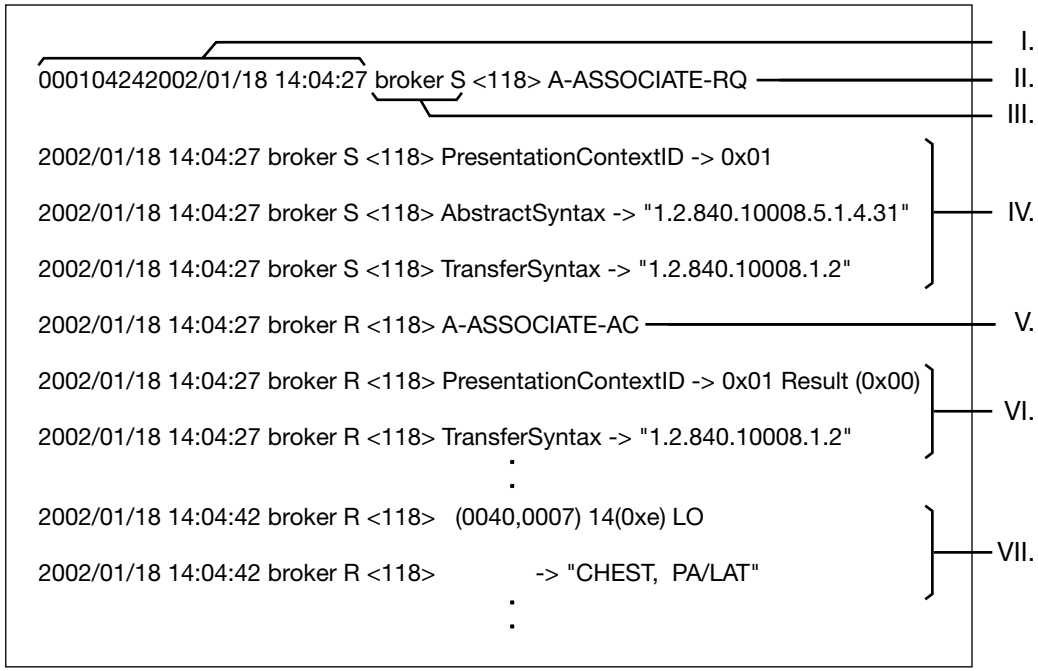


➥ *REFERENCE*

Previous log files are stored in folders named "A", "B", "C", and so on. The log files saved directly under the "Log" folder are those which were generated when the application was last started. When the application is started again, a new folder is created (e.g., folder "D") and the log files saved directly under the "Log" folder are moved to the new folder.

■ Details of log files

The log file shown below is used in log mode 2 (detail mode) to record MWM-related communications.


000104242002/01/18 14:04:27 broker S <118> A-ASSOCIATE-RQ
2002/01/18 14:04:27 broker S <118> PresentationContextID -> 0x01
2002/01/18 14:04:27 broker S <118> AbstractSyntax -> "1.2.840.10008.5.1.4.31"
2002/01/18 14:04:27 broker S <118> TransferSyntax -> "1.2.840.10008.1.2"
2002/01/18 14:04:27 broker R <118> A-ASSOCIATE-AC
2002/01/18 14:04:27 broker R <118> PresentationContextID -> 0x01 Result (0x00)
2002/01/18 14:04:27 broker R <118> TransferSyntax -> "1.2.840.10008.1.2"
2002/01/18 14:04:42 broker R <118> (0040,0007) 14(0xe) LO
2002/01/18 14:04:42 broker R <118> -> "CHEST, PA/LAT"
I.
II.
III.
IV.
V.
VI.
VII.

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I. Date and time of a data transmission by CL or other connected equipment
II. CL association
III. Information about the transmitter (broker S = CL, broker R = other connected equipment)
IV. Detailed information (transmitted by CL)
V. Connected equipment association
VI. Detailed information (transmitted by connected equipment)
VII. Tag information

➥ *REFERENCE*

The data to be recorded varies with selected log mode.
Mode 1 records the logged data about associations only (only the second and fifth lines in the above figure). Mode 2 records the entire logged data.
Mode 0 records nothing.